

A1

1        10. The blade defined in claim 8 wherein at least the  
2 cutting edge has a hardness of 800 HV to 1300 HV without impairing  
3 ductility.

Rc 79  
64

1        11. The blade defined in claim 10 wherein the hardness  
2 is between 900 HV and 1200 HV.

67        72

1        12. The blade defined in claim 8 wherein at least the  
2 cutting edge is formed of a heat-treated steel, a high-speed steel,  
3 or a tool steel.

1        13. The blade defined in claim 13 wherein the entire  
2 blade body is formed of a heat-treated steel, a high-speed steel,  
3 or a tool steel.

1        14. The blade defined in claim 8 wherein the foreign  
2 ions are of nitrogen, carbon, molybdenum, tungsten, and/or tita-  
3 nium.

1        *contradicts spec.* 15. The blade defined in claim 15 wherein the portion of  
2 foreign ions that are molybdenum or tungsten ions is smaller than  
3 the portion that is titanium ions.

1        *1/2 linking clay* 16. An apparatus for longitudinally cutting a moving  
2 material web, in particular a paper or cardboard web or a plastic  
3 or metal foil with one or more pairs of circular blades each